

## **NOMBRE DEL CURSO**

**ECON 4543**

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## **ESCUELA DE VERANO 2018**

**Salón: PTE**

**Fechas: 23 al 31 de julio. Clase el sábado 28 de julio**

**Horario:** Sección magistral de 9:00 am a 12:00 pm

Sección complementaria de 1:30 a 2:30 pm

### **Programa sujeto a cambios**

### **COURSE DESCRIPTION**

This course will provide an overview of current methods of economic valuation of environmental goods and services, and health impacts, focusing on the use of stated preference methods. The course topics will include welfare measurement, and stated and revealed preference valuation techniques. Coverage will include economic welfare theory, data collection, and valuation methods including survey research methods, fieldwork and logistics, data analysis, and econometrics. In addition to theory and methods the course will include discussion of case studies and applications of environmental and health valuation including benefit cost analysis and natural resource damage assessment.

### **CONTENTS**

The course will include:

1. The Economics of Environmental Goods & Services and Health Impacts, and the Use of Estimates from Nonmarket Valuation Methods in Benefit-Cost Analysis
2. Stated Preference Techniques (Contingent Valuation Methods & Choice Experiments: Theory, experimental design, logistics and fieldwork, and econometric analysis)
3. Household surveys: Design, analysis, and prevention & correction of survey errors

### **SYLLABUS**

Monday, July 23

- Morning (Lecture) – Introductions, Explanation of Group Assignment, Organization of the Course, Concept of Economic Value
- Afternoon (Lab) – Concept of Economic Value (cont.) – Valuing Gains & Losses, Changing Reference Conditions, Administer HIV/AIDS Questionnaire

Tuesday, July 24

- Morning (Lecture) – Intro. To CVM, Exxon-Valdez Survey Instrument (or Deepwater Horizon)
- Afternoon (Lab) – Non-parametric WTP estimation - Kolkata

Wednesday, July 25

- Morning (Lecture) –CVM Econometrics, Consequentiality, Social Desirability Bias, Hypothetical Baselines
- Afternoon (Lab) – Parametric WTP estimation

Thursday, July 26

- Morning (Lecture) – Choice Experiments, Choice of CVM vs CE
- Afternoon (Lab) – Choice Experiment MWTP estimation.

Friday, July 27

- Morning (Lecture) - Fieldwork, Training Enumerators, Measuring income, expenditures, and household assets, Ethics
- Afternoon (Lab) – DW & VA meet with groups to discuss their project, IRB online certification

Saturday, July 28

- Morning (Lecture) – Sampling, Focus Groups, One-on-one “thinking out loud interviews”; Stated Preference Guidelines
- Afternoon (Lab) – Students practice focus groups with other students on their project idea, Mock IRB panel

Sunday, July 29 – Student Work on Group Assignment

Monday, July 30

- Morning (Lecture) – Cost of Illnesses;
- Afternoon (Lab) – Student work on projects for submission on Tuesday

Tuesday, July 31

- Morning – Student Presentations (3)
- Afternoon – Student Presentations (3)

**EVALUACIÓN:**

**Por determinar**

**CALIFICACIÓN:**

**Por determinar**

**FECHA DE RETIRO**

The student may withdraw the course, without refund, up to one business day before the date of the final test stipulated by the teacher. The University will not return the money for tuition payed for these summer courses.